

**What is claimed is:**

1. A multi-functional electric oven structure comprising:

an electric oven having a detachable panel at front and upper portions thereof, respectively; an electrothermal tube at lower and upper portions of an interior thereof, respectively; a roast net above the lower electrothermal tube, and a support frame above the upper electrothermal tube, wherein the support frame is for placing a sauté utensil and a deep-frying utensil, and thereby providing the electric oven with roasting, sauté, steaming and deep-frying functions; and a micro-tuning switch on the support frame; and being characterized that, when the sauté utensil and the deep-frying utensil are removed from the support frame, the micro-tuning switch is activated, so as to cut off electric connection of the electric oven and to prevent operational hazards.

2. The multi-functional electric oven structure in accordance with claim 1, wherein the sauté utensil has an upper flatbed above an inner periphery thereof and a lower flatbed below the inner periphery thereof.

3. The multi-functional electric oven structure in accordance with claim 1, wherein the deep-frying utensil has a lug at each of two sides

thereof, an interior for placing a deep-frying net, and a channel at an inner upper periphery thereof for covering by a lid.

4. The multi-functional electric oven structure in accordance with claim 1, wherein an inner side of each panel has a door shaft for inserting  
5 into door shaft openings.

5. The multi-functional electric oven structure in accordance with claim 2, wherein the sauté utensil is placed with a steaming plate at an interior thereof for forming a steaming utensil.

6. The multi-functional electric oven structure in accordance with claim  
10 4, wherein each door shaft is provided with a wrench section extended in an outward direction from the panels, a protrusion at each of two sides thereof, and an elastic element accommodated at one end thereof.